



Bob Riley
GOVERNOR

ALABAMA
DEPARTMENT OF TRANSPORTATION

AERONAUTICS BUREAU
1409 COLISEUM BOULEVARD
MONTGOMERY, ALABAMA 36110
PHONE (334) 242-6820
FAX (334) 353-6540



Joe McInnes
TRANSPORTATION DIRECTOR

May 10, 2010

The Honorable Ken Sunseri
Mayor, City of Haleyville
1901 11th Avenue
Haleyville, Alabama 35565

Subject: Annual Inspection Report
Haleyville Municipal (Posey Field) Airport

Dear Mayor Sunseri:

An inspection of the Haleyville Municipal (Posey Field) Airport was conducted by personnel of the Alabama Department of Transportation Aeronautics Bureau on April 22, 2010. The purpose of the inspection was to update the information currently on file regarding the airport and to ascertain compliance with the rules and regulations of the Alabama Department of Transportation governing licensed public-use airports within the State of Alabama.

Attached you will find a copy of the Annual Inspection Report for the airport. As noted in the report, the airport meets all the requirements for the issuance of an operating license. However, there were items noted that relate to the maintenance of the airport and should be corrected.

If you should have any questions concerning the inspection or corrective actions, please do not hesitate to contact the Aeronautics Bureau at (334) 242-6820.

Sincerely,

John C. Eagerton IV, D.P.A.
Chief, Aeronautics Bureau

Copy: Mr. Rans Black
FAA/ADO

Mr. Calvin Cassady, P.E.
The Cassady Company, Inc.

APRIL 22, 2010



ANNUAL INSPECTION REPORT



HALEYVILLE MUNICIPAL (POSEY FIELD) AIRPORT

HALEYVILLE, ALABAMA

TABLE OF CONTENTS

INTRODUCTION.....	PAGE 1
INSPECTION METHODOLOGY.....	PAGE 1
LICENSE STATUS.....	PAGE 2
APPROACH / DEPARTURE PATHS.....	PAGE 2
PRIMARY SURFACE.....	PAGE 4
RUNWAY SAFETY AREA.....	PAGE 5
AIRPORT MARKINGS.....	PAGE 6
WIND DIRECTION INDICATOR.....	PAGE 7
AIRPORT LIGHTING.....	PAGE 8
RUNWAY, TAXIWAY AND APRON CONDITIONS.....	PAGE 8
FUELING AREA REQUIREMENTS.....	PAGE 9
PROHIBITED ACTIVITIES.....	PAGE 10
SUMMARY.....	PAGE 10
APPENDIX 1.....	PAGE 11
APPENDIX 2.....	PAGE 12
APPENDIX 3.....	PAGE 13
AIRPORT SAFETY SELF-INSPECTION CHECKLIST	

Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

Introduction:

Code of Alabama 23-1-357(c). The department may perform such acts, issue and amend such orders and make, promulgate, or amend general or special rules, regulations, and procedures and establish minimum standards, consistent with the provisions of this article as it shall deem necessary to carry out the provisions of this article and to perform its duties hereunder, all commensurate with and for the purpose of protecting and insuring the general public interest, health, welfare, and safety. (Act 2000-220, 10.)

In accordance with the provisions of the Code of Alabama 23-1-357(c) an inspection of the Haleyville Municipal (Posey Field) Airport was conducted by Mr. Kline Jeffcoat and Mr. Kip Turner of the Alabama Department of Transportation Aeronautics Bureau on April 22, 2010.

The corrective actions that may be prescribed in this inspection report do not relieve the airport owner from compliance with any other Federal, State or local laws, ordinances or regulations that may be applicable. It is the responsibility of the airport owner to be aware of and obey all Federal, State or local laws, ordinances or regulations that may have a bearing on the corrective actions that may be specified in this report.

Inspection Methodology:

The inspection of the required State Approach/Departure Path and Federal Runway Protection Zones was accomplished by the use of approved engineering methods and equipment. The angles, locations and heights of trees or other objects within these areas were derived by the use of a Theodolite and electronic distance measuring device.

All other areas of the inspection were conducted visually and photographed for reference purposes.

The FAA Airport Design Standards referred to in this report were taken from the Airport Layout Drawing (ALD) dated August 2002.

Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

License Status:

Code of Alabama 23-1-375(a). ...a person or municipality may not operate an airport, restricted landing area, or other air navigation facility without a license issued by the department.

Based upon the findings of the inspection conducted on April 22, 2010 it was determined that the airport **meets** the requirements for the issuance of an operating license.

1. Approach and Departure Paths **Administrative Code 450-9-1-.12(1)** (See Appendix 1)

State Licensing Standards:

- For all hard surface runways the approach and departure path begins 200 feet from the runway end (runway threshold).
- The approach and departure path for all runways is centered along the extended runway centerline and extends for 1000 feet (See Appendix 1).
- The approach and departure path for all runways slopes up at a ratio of 20:1.
- All penetrations of the approach and departure paths, whether natural or manmade, constitute an obstruction to navigation and must be removed.
- The land beneath the approach and departure path must be controlled by the airport owner. This is accomplished by ownership of the property in fee simple or by written perpetual agreement with the owner of the land.

Inspection Results:

- Runway 36: The approach and departure path for runway 36 was inspected and found to meet state licensing standards. However, trees identified as Tree # 3 , # 6 and # 7 violate the 20:1 approach slope within limits of the FAA's Runway Protection Zone (RPZ) and a tree identified as Tree # 4 AND # 5, if allowed to continue to grow will eventually penetrate the ALDOT 20:1 Approach/Departure Path (See Photo # 1, and Appendix 2).
- Runway 18: No obstructions (See Photo # 2 and Appendix 3)

Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

Photo # 1 – Runway 36 RPZ Obstructions and Potential Obstructions

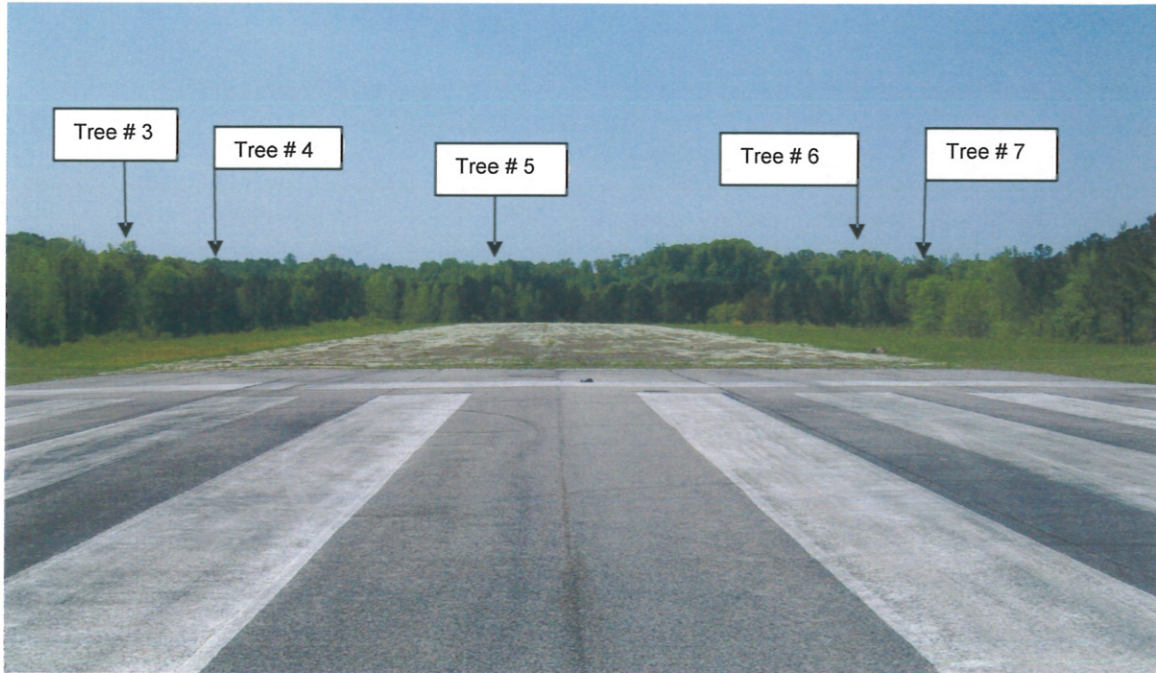


Photo # 2 – Runway 18 Approach



Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

Maintenance Required:

- While the airport meets the state requirements, the violations to the 20:1 FAA approach slope within the limits of the RPZ for runway 36, as depicted on the most recent Airport Layout Drawing (ALD) dated August 2002 should be removed as well as the potential obstructions, before they become hazards.

2. Primary Surface Administrative Code 450-9-1-.12(2)

State Licensing Standards:

- Primary Surface (See Appendix 1): The primary surface is 250 feet wide, centered on the runway centerline and extends 200 feet past the end of the marked runway. The primary surface is required to be free of all obstructions, manmade or natural. The only allowable objects are runway lights, guidance signs, or navigation equipment that by function is required to be within the primary surface boundaries.

Inspection Results:

- The primary surface meets state safety requirements (See Photo # 5).

Photo # 3 - Primary Surface



Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

3. Runway Safety Area Administrative Code 450-9-1-.12(3)

State Licensing Standards:

- Runway Safety Area (Appendix 1): All runways are required to maintain an obstruction free area adjacent to each runway. This area is 120 feet wide, centered on the runway centerline, and extends for a distance of 200 feet past the runway end. The area must be compacted and graded smooth with no ruts, humps, depressions or other potentially hazardous surface variations. The slope along the longitudinal centerline shall not exceed a rise or fall of three percent in elevation relative to the runway end elevation. The lip from the top of the pavement to the grade adjacent to the runway should not exceed 3 inches.

Inspection Results:

- The grade of the runway safety area meets state safety requirements; however, there has been erosion around runway light bases (See Photo # 4).

Photo # 4 – Runway Light Erosion



Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

Maintenance Required:

- These areas should be compacted and graded smooth with no ruts, humps, depressions or other potentially hazardous surface variations.

4. Airport Markings Administrative Code 450-9-1-.12(4)

State Licensing Standards:

- Airport Markings: All runways are required to be marked in a manner identifying the boundaries of the landing areas. The runway markings must be painted white and be maintained in a legible condition.

Inspection Results:

- The airport markings are in fair to good condition (See Photo # 5).

Photo # 5 - NPI Markings RWY 36



**Annual Inspection Report
Haleyville Municipal (Posey Field) Airport
Haleyville, Alabama**

April 22, 2010

**5. Wind Direction Indicator
Administrative Code 450-9-1-.12(5)**

State Licensing Standards:

- Wind Direction Indicators: All airports are required to have an operational wind direction indicator. It must be installed in a highly visible area and free from obstructions to ensure true wind direction and velocity. Night operations require the indicator be lighted.

Inspection Results:

- The wind cone was found to meet state licensing standards (See Photo # 6).

Photo # 6 – Wind Cone



Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

6. Airport Lighting Administrative Code 450-9-1-.12(6)

State Licensing Standards:

- Airport Lighting: Runway lights and a lighted wind direction indicator are required for night operations. A rotating beacon is suggested. All runway, threshold, and taxiway lighting shall be maintained in operational condition and shall not be obscured by natural growth such as grass and/or weeds.

Inspection Results:

- The airport lighting system was inspected with the following results:

Threshold Lights – 0 inoperative
Taxiway Lights – 0 inoperative
Runway Lights – 0 inoperative

The grade around some of the runway lights is beginning to erode exposing the concrete bases, as described in section 3 above.

Maintenance Required:

- These areas should be compacted and graded smooth with no ruts, humps, depressions or other potentially hazardous surface variations.

7. Runway, Taxiway and Apron Conditions Administrative Code 450-9-1-.12(7)

State Licensing Standards:

- Runway, Taxiway and Apron Conditions: All airport pavement surfaces associated with aircraft operations must be kept smooth and free of any defect or obstruction that could damage an aircraft. The lip of the airport pavement surfaces must not exceed three (3) inches in elevation from the top of the pavement to the shoulder. The drop should only be enough to allow sufficient drainage and not pose a control problem for aircraft exiting the runway. The aircraft parking apron is for the operation and parking of aircraft only and should be smooth and free of obstructions or defects that could cause damage to aircraft during operations.

Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

Inspection Results:

- The overall condition of the airport pavement surfaces is in good condition with only minor raveling.

8. Fueling Area Requirements **Administrative Code 450-9-1-.12(8)**

State Licensing Standards:

- Signs should be posted prohibiting open flames or smoking in fueling areas. The fueling facility must be labeled indicating the type fuel being dispensed.
- Grounding cables must be available.
- A fire extinguisher approved for the purpose of extinguishing petroleum product fires available during all fueling operations.
- Serviceable hoses and connections that would preclude a rupture or leaking of fuel.

Inspection Results

- The fueling area meets the requirements established by the Alabama Department of Transportation. However, the State of Alabama Department of Agriculture and Industries may have additional requirements for fueling systems that were not considered during this inspection (See Photo # 7).

Photo # 7 – Fuel Service Area



Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

9. Prohibited Activities Administrative Code 450-9-1-.16

State Licensing Standards:

- Prohibited Activities: The use of any portion of the aircraft operations area, or airport property within the boundaries of the imaginary surfaces of a licensed airport for any purpose other than the operation of aircraft shall be deemed a non-aeronautical activity and is prohibited.

Inspection Results:

- There was no evidence of prohibited activities during the inspection.

Summary:

The table below summarizes items noted in this report.

INSPECTION SUMMARY

Inspection Area	Violation/Maintenance	Corrective Action
Approach/Departure Path	Maintenance	Clear obstructions to FAA's RPZ & Potential obstructions to ALDOT Approach/Departure Path
Runway Safety Area	Maintenance	Bring grade around light bases up to level with concrete
Airport Lighting	Maintenance	Bring grade around light bases up to level with concrete

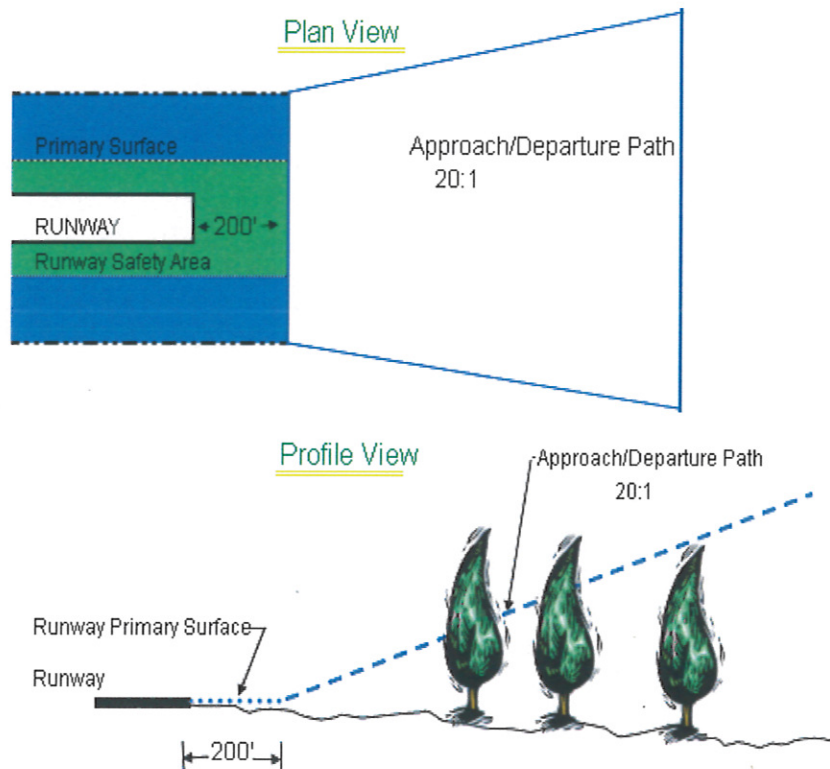
Included with this report is an airport safety self-inspection checklist. This checklist is taken from FAA Advisory Circular (AC) 150/5200-18C and should be used in accordance with this AC to develop your own self-inspection program.

Please contact the Aeronautics Bureau of the Alabama Department of Transportation at (334) 242-6820 with questions concerning the Annual Inspection Report.

Annual Inspection Report Haleyville Municipal (Posey Field) Airport Haleyville, Alabama

April 22, 2010

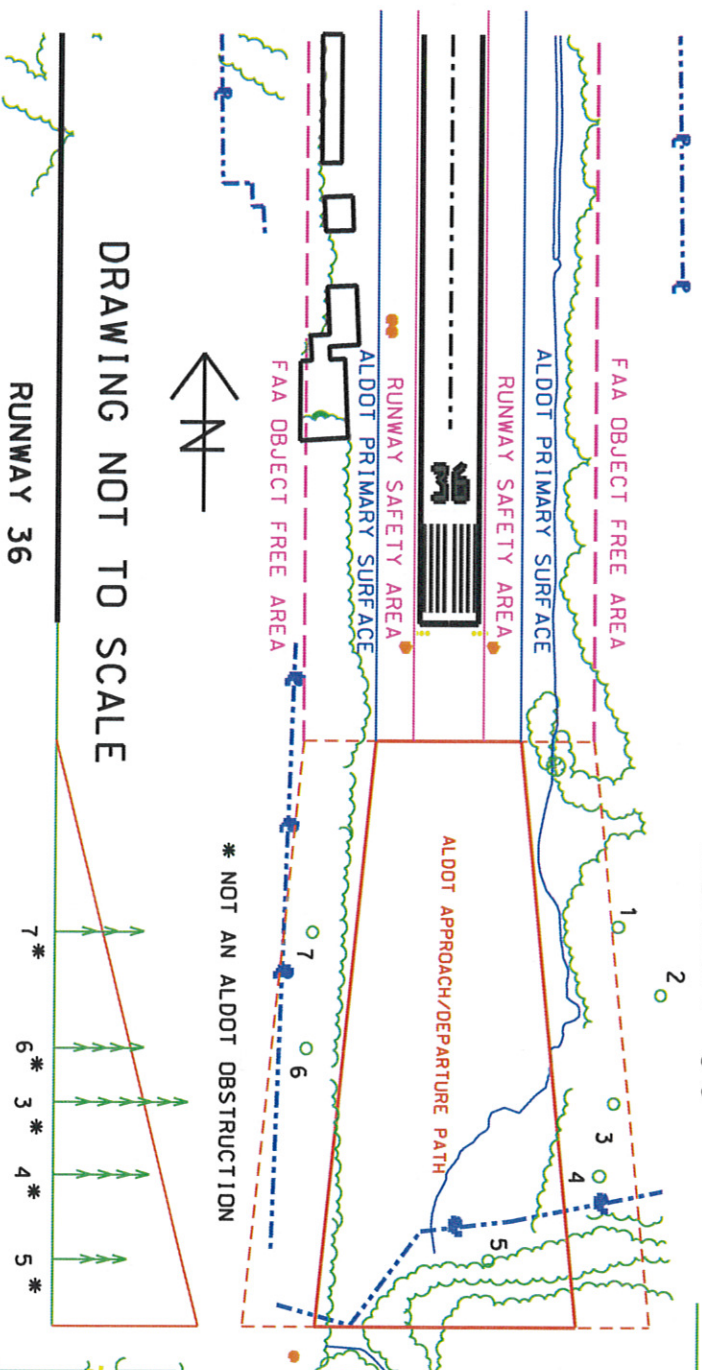
Approach and Departure Path Dimensions			
Inner Width	Outer Width	Length	Acreage
250 Feet	450 Feet	1,000 Feet	8.04 Acres
Primary Surface Dimensions			
250 Feet Wide Centered Along Runway Centerline Extending 200 Feet Past the Runway End			
Runway Safety Area Dimensions			
120 Feet Wide Centered Along Runway Centerline Extending 200 Feet Past the Runway End			



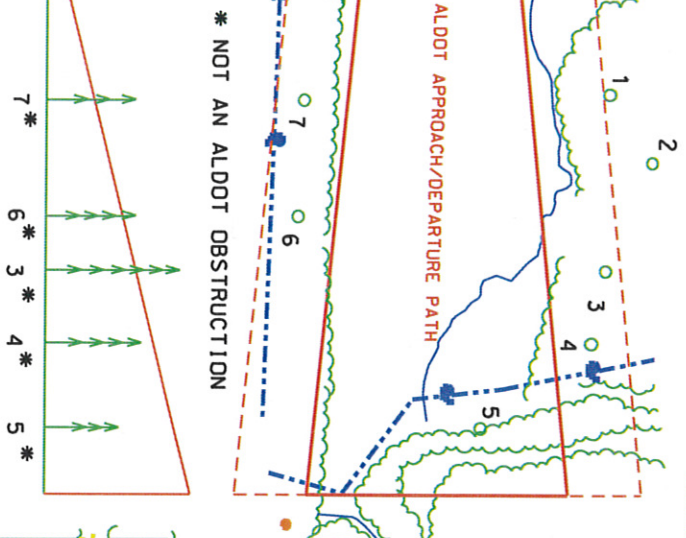
Appendix 1

HALEYVILLE MUNICIPAL (POSEY FIELD) AIRPORT APRIL 22, 2010

REQUIREMENTS FOR STATE AIRPORT LICENSE RUNWAY 36



PROFILE VIEW



- * 3. TREE - 46' ABOVE RUNWAY END
867' FROM RUNWAY END
28' RIGHT OF CENTERLINE
14:1 OBSTRUCTION CLEARANCE SLOPE
- * 4. TREE - 32.7' ABOVE RUNWAY END
978' FROM RUNWAY END
264' RIGHT OF CENTERLINE
23:1 OBSTRUCTION CLEARANCE SLOPE
- * 5. TREE - 25' ABOVE RUNWAY END
1089' FROM RUNWAY END
74' RIGHT OF CENTERLINE
35:1 OBSTRUCTION CLEARANCE SLOPE
- * 6. TREE - 30.6' ABOVE RUNWAY END
765' FROM RUNWAY END
242' LEFT OF CENTERLINE
18:1 OBSTRUCTION CLEARANCE SLOPE
- * 7. TREE - 30' ABOVE RUNWAY END
576' FROM RUNWAY END
263' LEFT OF CENTERLINE
12:1 OBSTRUCTION CLEARANCE SLOPE

NOTES:

1. THIS SKETCH IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
2. REFER TO THE LATEST ALD DATED AUGUST 2002 FOR THE FAA AIRPORT DESIGN STANDARDS.

HALEYVILLE MUNICIPAL (POSEY FIELD) AIRPORT APRIL 22, 2010

REQUIREMENTS FOR STATE AIRPORT LICENSE RUNWAY 18

- * 8. TREE - 29' ABOVE RUNWAY END
1101' FROM RUNWAY END
2111 RIGHT OF CENTERLINE
34:1 OBSTRUCTION CLEARANCE SLOPE
 - * 10. TREE - 16.4' ABOVE RUNWAY END
705' FROM RUNWAY END
29' LEFT OF CENTERLINE
30:1 OBSTRUCTION CLEARANCE SLOPE
 - * 11. TREE - 19' ABOVE RUNWAY END
1206' FROM RUNWAY END
180' LEFT OF CENTERLINE
52:1 OBSTRUCTION CLEARANCE SLOPE
- * NOT AN ALDOT OBSTRUCTION

NOTES:

1. THIS SKETCH IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
2. REFER TO THE LATEST ALD DATED AUGUST 2002 FOR THE FAA AIRPORT DESIGN STANDARDS.

